

AMENDMENTS

In the Specification

Please substitute the following for the paragraph beginning on page 3, line 5 and ending on page 3, line 18

C¹ The invention features substantially pure DNA (cDNA or genomic DNA) encoding a protease-activated receptor 3 (PAR3) from vertebrate tissues (SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO: 4 and SEQ ID NO: 5) and degenerate sequences thereof; substantially pure protease-activated receptor 3 polypeptides encoded thereby; as well as amino acid sequences substantially identical to the amino acid sequences SEQ ID NO:3, 24, 25, and 26 and SEQ ID NO:6, 27, and 28 from mouse and human, respectively. The invention further comprises fragments of the PAR3 receptor which are activated by thrombin. Such fragments may have the same amino acid sequence as SEQ ID NO:3, 24, 25, and 26 and SEQ ID NO:6, 27, and 28 or be at least 80% identical to the amino acid sequences SEQ ID NO:3, 24, 25, and 26 and SEQ ID NO:6, 27, and 28.

Please substitute the following for the paragraph beginning on page 4, line 11 and ending on page 4, line 18

C² Fig. 1 is the complete nucleotide and amino acid sequences (SEQ ID NO:1 and SEQ ID NO:3, 24, 25, and 26, respectively) of the mouse protease-activated receptor 3 gene coding region cDNA. The deduced amino acid sequence of the receptor is provided below the nucleotide sequence and contains 369 amino acids. The deduced amino acid sequence begins at nucleotides 51-53 (ATG = Met) and ends at nucleotides 1158-1160 (TAG = stop).